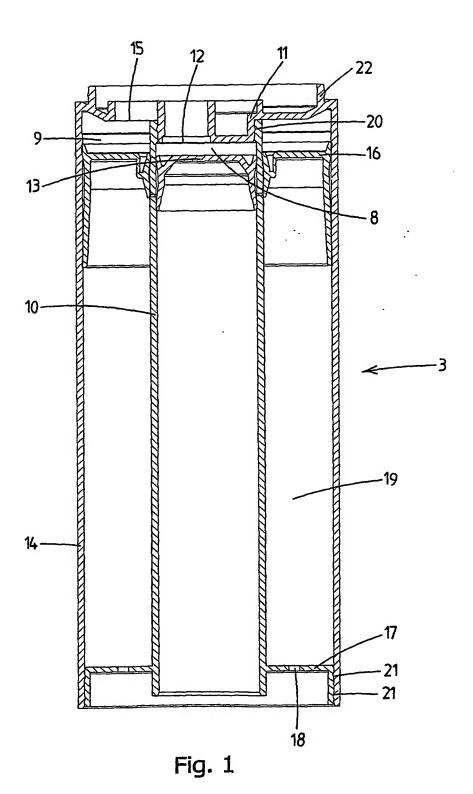


SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

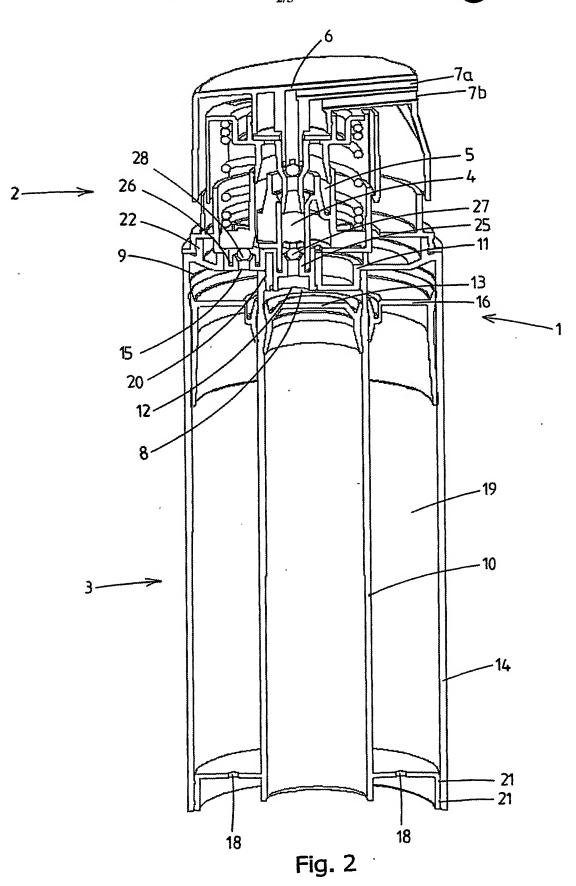
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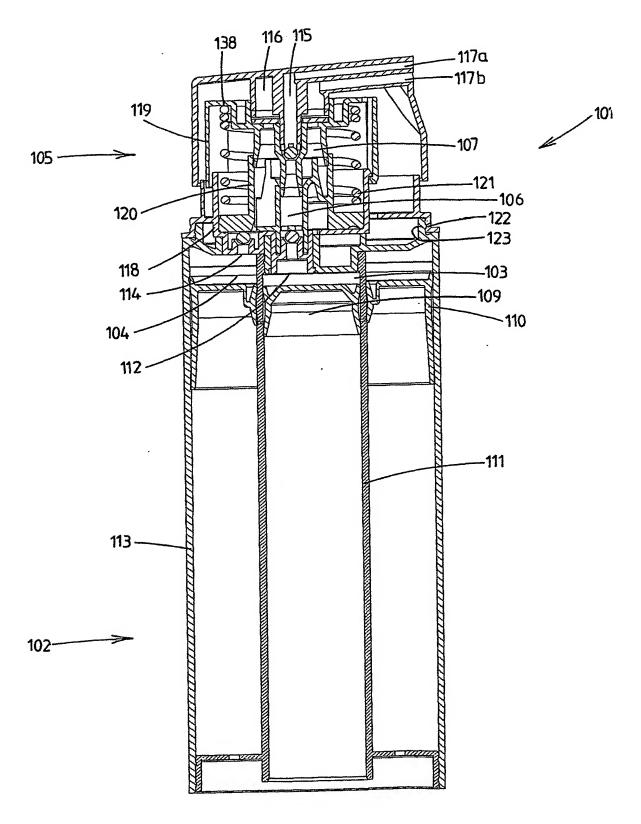
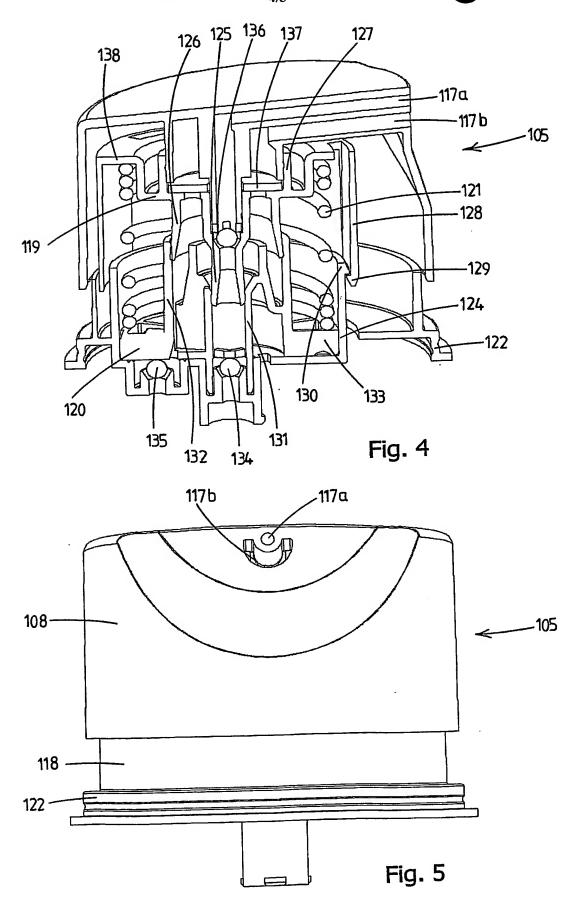


Fig. 3



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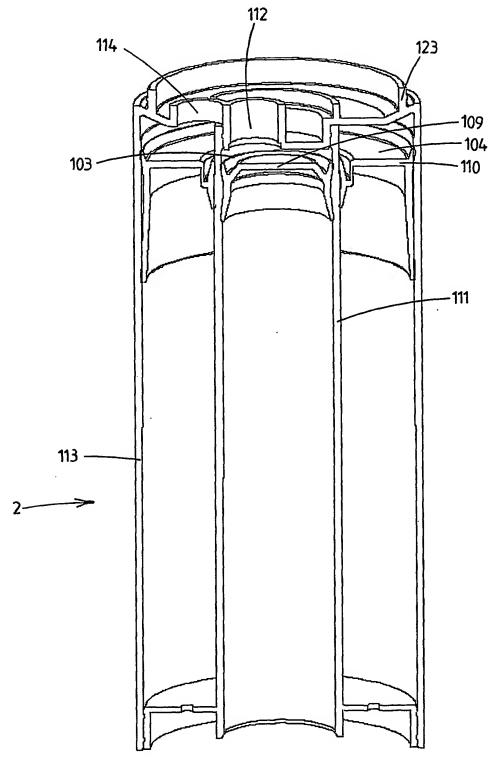


Fig. 6



PCT/rvL 03/00489 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B05B11/00 B65D B65D47/34 B65D81/32 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 BO5B B65D Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) . Artist and a EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category * 1,3,21 US 5 351 862 A (WEAG ERNST) 4 October 1994 (1994-10-04) χ 2,4-8, Y 12,13, 16,17, 19, 21-23, 25,26 column 7, line 41 - line 68; figures 8-11 1,3,21, 27-33, US 5 224 627 A (WEAG ERNST) χ 6 July 1993 (1993-07-06) 37,38, 42-47, 50,51 column 4, line 57 - line 68 column 5, line 64 - column 6, line 24; figures cX w Further documents are 4 isted in the continuation of box C ≥ Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance Invention "E" earlier document but published on or after the international filling date "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is clied to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled in the art. O document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family

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Name and mailing address of the ISA

Date of the actual completion of the international search

European Patent Office, P.B. 5818 Patentiaan 2

22 October 2003

Date of mailing of the international search report

28/10/2003

Brévier, F.

Authorized officer



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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This international Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims.
2. X As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
As only, some, of the required additional search fees were timely, paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-26

Dispensing unit for dispensing two fluid substances, comprising:

- a pump assembly baving a first pump and a second pump, which can be actuated by common, manually operable operating means so that they simultaneously dispense the two fluid substances, and a reservoir assembly for holding the two fluid substances, the reservoir assembly comprising two reservoirs, which are each provided with an outlet at an outlet side and are each delimited by a movable piston on the side remote from the outlet, which pistons move towards the respective outlets during the dispensing of the fluid substances, characterized in that the reservoir assembly and the pump assembly are separate assemblies which can be coupled to one another, in such a manner that in the uncoupled state each reservoir can be filled through the outlet of the reservoir, after which the pump assembly and the reservoir assembly are coupled to one another

as well as

Method for assembling and filling a reservoir assembly of such a dispensing unit

2. claims: 27-51

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Dispensing unit for dispensing a first and a second fluid substance in a defined volumetric ratio, comprising:

- a first and a second reservoir for a stock of the first and second fluid substances, respectively,

- a pump assembly, which comprises a first and a second pump which each have a pump chamber with a defined operative volume, and a common, manually operable operating member for actuating the first and second pumps, characterized, in that the pump assembly comprises one or more exchangeable pump elements which form at least part of the first and/or second pump, so that the operative volume of the pump chamber of the first and/or second pump can be adjusted by selection of one or more suitable exchangeable pump elements and fitting of these elements in the pump assembly

as well as

Dispensing unit for dispensing one fluid substance, comprising:

- at least one reservoir for a stock of fluid substance,
- a pump assembly having at least one pump which has a pump chamber with a defined operative volume, and an easy-to-operate operating means for actuating the at least one pump, characterized in that the pump assembly comprises one or more exchangeable pump elements which form at least a section of the pump, so that the operative volume of the pump chamber of the pump can be adapted by selecting one or more suitable exchangeable pump elements and by fitting them in the pump assembly.



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